



**CONESTOGA-ROVERS
& ASSOCIATES**

US EPA RECORDS CENTER REGION 5



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January 9, 2013

Reference No. 056394

Ms. Sheila Desai
Remedial Project Manager
U.S. Environmental Protection Agency – Region V
77 West Jackson Boulevard (SR-6J)
Chicago, Illinois 60604-3590

Dear Ms. Desai:

Re: Monthly Progress Report – December 2012
Former Plainwell, Inc. Mill Property Operable Unit No. 7
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Allegan and Kalamazoo County

As required by Task 8, Progress Reports in the Statement of Work of the Remedial Investigation and Feasibility Study (RI/FS) at the former Plainwell, Inc. Mill Property, please find attached three copies of the Progress Report No. 74 for the period of December 1, 2012 through December 31, 2012.

Should you have any questions or require any additional information, please do not hesitate to contact the undersigned.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Jennifer L. Quigley, P.E.

JQ/26/Plw.

Encl.

cc: Paul Bucholtz (MDEQ) - three hard copies
Jim Saric (U.S. EPA) - electronic only
Leslie Kirby-Miles (U.S. EPA) - electronic only
Erik Wilson (City of Plainwell) - electronic only
Richard Gay (Weyerhaeuser) - electronic only
Joe Jackowski (Weyerhaeuser) - electronic only
Martin Lebo (Weyerhaeuser) - electronic only
Michael Erickson (Arcadis) - electronic only
Dawn Penniman (Arcadis) - electronic only
Garry Griffith (Georgia-Pacific, LLC) - electronic only
Jeffrey Lifka (Tetra Tech) - electronic only
Gregory Carli (CRA) - electronic only

Equal
Employment Opportunity
Employer

Progress Report No. 74
December 1, 2012 to December 31, 2012

Remedial Investigation and Feasibility Study
Former Plainwell, Inc. Mill Property
Plainwell, Michigan

This progress report is being submitted to the United States Environmental Protection Agency (U.S. EPA) in accordance with Task 8: Progress Reports and the Schedule for Major Deliverables contained in the Statement of Work for the Remedial Investigation/Feasibility Study (RI/FS), pursuant to the terms of the Consent Decree for the Design and Implementation of Certain Response Actions at Operable Unit No. 4 and the Plainwell, Inc. Mill Property (Site) Operational Unit No. 7 of the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site (Consent Decree), which became effective February 22, 2005.

1. Work Performed

- None.

2. Data Received

- Receipt of sample results for waste characterization samples collected from investigation-derived waste (IDW) generated during the implementation of the Revised Work Plan for Additional RI Activities. The results for the waste characterization samples are provided in Attachment 1. The waste characterization data indicates the waste can be disposed off-Site as non-hazardous waste.

**3. Modifications to Work Plans or Other Schedules
Proposed to, or Approved by, the U.S. EPA**

- None.

4. Problems Encountered and Planned Resolution

- None.

5. Work Anticipated During the Next Reporting Period

- Initiation of development of responses for comments received from U.S. EPA on January 3, 2013 for the Remedial Investigation Report (Revision 2), which was submitted to the U.S. EPA on October 19, 2012, and initiation of revisions to the Remedial Investigation Report (Revision 2).
- Removal of investigation-derived waste generated during the MW-16 and Additional RI Activities investigation.

6. Anticipated Development with Work during the Next Period

- None.

7. Other Relevant Information

- None.

ATTACHMENT 1
IDW SAMPLE RESULTS

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-18033-1

Client Project/Site: 56394, Plainwell Mill

For:

Conestoga-Rovers & Associates, Inc.

14496 Sheldon Road, Suite 200

Plymouth, Michigan 48170

Attn: Mr. Paul Wiseman

Denise Heckler

Authorized for release by:

12/11/2012 3:48:50 PM

Denise Heckler

Project Manager II

denise.heckler@testamericainc.com

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Job ID: 240-18033-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 56394, Plainwell Mill

Report Number: 240-18033-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 11/28/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.5 C.

TCLP VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SO-56394-112712-EB-001 (240-18033-1), SO-56394-112712-EB-002 (240-18033-2) and WG-56394-112712-EB-003 (240-18033-3) were analyzed for TCLP volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8260B. The samples were leached on 11/29/2012 and analyzed on 12/03/2012.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

TCLP SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SO-56394-112712-EB-001 (240-18033-1), SO-56394-112712-EB-002 (240-18033-2) and WG-56394-112712-EB-003 (240-18033-3) were analyzed for TCLP semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8270C. The samples were leached on 11/29/2012, prepared on 11/30/2012 and analyzed on 12/04/2012.

No difficulties were encountered during the SVOCs analyses.

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Job ID: 240-18033-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples SO-56394-112712-EB-001 (240-18033-1) and SO-56394-112712-EB-002 (240-18033-2) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 12/04/2012 and analyzed on 12/07/2012.

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur:
SO-56394-112712-EB-001 (240-18033-1), SO-56394-112712-EB-002 (240-18033-2). Lot # S65830

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample WG-56394-112712-EB-003 (240-18033-3) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 11/29/2012 and analyzed on 12/03/2012.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

TCLP METALS (ICP)

Samples SO-56394-112712-EB-001 (240-18033-1), SO-56394-112712-EB-002 (240-18033-2) and WG-56394-112712-EB-003 (240-18033-3) were analyzed for TCLP metals (ICP) in accordance with EPA SW-846 Methods 1311/ 6010B. The samples were leached on 11/29/2012, prepared on 11/30/2012 and analyzed on 12/04/2012.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

TCLP MERCURY

Samples SO-56394-112712-EB-001 (240-18033-1), SO-56394-112712-EB-002 (240-18033-2) and WG-56394-112712-EB-003 (240-18033-3) were analyzed for TCLP mercury in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 11/29/2012, prepared on 11/30/2012 and analyzed on 12/04/2012.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

FLASHPOINT

Samples SO-56394-112712-EB-001 (240-18033-1) and SO-56394-112712-EB-002 (240-18033-2) were analyzed for flashpoint in accordance with EPA SW-846 Method 1010. The samples were analyzed on 11/30/2012.

No difficulties were encountered during the flashpoint analyses.

All quality control parameters were within the acceptance limits.

FLASHPOINT

Sample WG-56394-112712-EB-003 (240-18033-3) was analyzed for flashpoint in accordance with EPA SW-846 Method 1010. The samples were analyzed on 11/29/2012.

No difficulties were encountered during the flashpoint analysis.

All quality control parameters were within the acceptance limits.

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Job ID: 240-18033-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

PH

Sample WG-56394-112712-EB-003 (240-18033-3) was analyzed for pH in accordance with EPA SW-846 Method 9040B. The samples were analyzed past the method recommended 15 minute holding time on 11/28/2012.

No difficulties were encountered during the pH analysis.

All quality control parameters were within the acceptance limits.

PH

Samples SO-56394-112712-EB-001 (240-18033-1) and SO-56394-112712-EB-002 (240-18033-2) were analyzed for pH in accordance with EPA SW-846 Method 9045C. The samples were analyzed on 11/29/2012.

No difficulties were encountered during the pH analyses.

All quality control parameters were within the acceptance limits.

Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate is outside control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
◊	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-18033-1	SO-56394-112712-EB-001	Solid	11/27/12 14:40	11/28/12 09:30
240-18033-2	SO-56394-112712-EB-002	Solid	11/27/12 14:50	11/28/12 09:30
240-18033-3	WG-56394-112712-EB-003	Water	11/27/12 15:20	11/28/12 09:30

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TestAmerica Canton

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Client Sample ID: SO-56394-112712-EB-001

Lab Sample ID: 240-18033-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>180		1.0	Degrees F	1		1010	Total/NA
pH	8.61		0.100	SU	1		9045C	Total/NA

Client Sample ID: SO-56394-112712-EB-002

Lab Sample ID: 240-18033-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>180		1.0	Degrees F	1		1010	Total/NA
pH	8.06		0.100	SU	1		9045C	Total/NA

Client Sample ID: WG-56394-112712-EB-003

Lab Sample ID: 240-18033-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>180		1.0	Degrees F	1		1010	Total/NA
pH	7.79	H	0.100	SU	1		9040B	Total/NA

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Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NC
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NC
6010B	Metals (ICP)	SW846	TAL NC
7470A	Mercury (CVAA)	SW846	TAL NC
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL NC
9040B	pH	SW846	TAL NC
9045C	pH	SW846	TAL NC
Moisture	Percent Moisture	EPA	TAL NC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Client Sample ID: SO-56394-112712-EB-001

Date Collected: 11/27/12 14:40

Date Received: 11/28/12 09:30

Lab Sample ID: 240-18033-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.025	U	0.025	mg/L		12/03/12 21:04		1
1,2-Dichloroethane	0.025	U	0.025	mg/L		12/03/12 21:04		1
2-Butanone (MEK)	0.25	U	0.25	mg/L		12/03/12 21:04		1
Benzene	0.025	U	0.025	mg/L		12/03/12 21:04		1
Carbon tetrachloride	0.025	U	0.025	mg/L		12/03/12 21:04		1
Chlorobenzene	0.025	U	0.025	mg/L		12/03/12 21:04		1
Chloroform	0.025	U	0.025	mg/L		12/03/12 21:04		1
Tetrachloroethene	0.025	U	0.025	mg/L		12/03/12 21:04		1
Trichloroethene	0.025	U	0.025	mg/L		12/03/12 21:04		1
Vinyl chloride	0.025	U	0.025	mg/L		12/03/12 21:04		1
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Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	108		80 - 121			12/03/12 21:04		1
4-Bromofluorobenzene (Surr)	97		70 - 124			12/03/12 21:04		1
Toluene-d8 (Surr)	111		90 - 115			12/03/12 21:04		1
Dibromofluoromethane (Surr)	122		84 - 128			12/03/12 21:04		1

TestAmerica Canton

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Client Sample ID: SO-56394-112712-EB-002

Lab Sample ID: 240-18033-2

Matrix: Solid

Date Collected: 11/27/12 14:50

Date Received: 11/28/12 09:30

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.025	U	0.025	mg/L			12/03/12 21:29	1
1,2-Dichloroethane	0.025	U	0.025	mg/L			12/03/12 21:29	1
2-Butanone (MEK)	0.25	U	0.25	mg/L			12/03/12 21:29	1
Benzene	0.025	U	0.025	mg/L			12/03/12 21:29	1
Carbon tetrachloride	0.025	U	0.025	mg/L			12/03/12 21:29	1
Chlorobenzene	0.025	U	0.025	mg/L			12/03/12 21:29	1
Chloroform	0.025	U	0.025	mg/L			12/03/12 21:29	1
Tetrachloroethene	0.025	U	0.025	mg/L			12/03/12 21:29	1
Trichloroethene	0.025	U	0.025	mg/L			12/03/12 21:29	1
Vinyl chloride	0.025	U	0.025	mg/L			12/03/12 21:29	1
<hr/>								
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surrogate)	106		80 - 121			12/03/12 21:29	1	
4-Bromofluorobenzene (Surrogate)	96		70 - 124			12/03/12 21:29	1	
Toluene-d8 (Surrogate)	110		90 - 115			12/03/12 21:29	1	
Dibromofluoromethane (Surrogate)	120		84 - 128			12/03/12 21:29	1	

TestAmerica Canton

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Client Sample ID: WG-56394-112712-EB-003

Lab Sample ID: 240-18033-3

Matrix: Water

Date Collected: 11/27/12 15:20

Date Received: 11/28/12 09:30

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.025	U	0.025	mg/L		12/03/12 21:55		1
1,2-Dichloroethane	0.025	U	0.025	mg/L		12/03/12 21:55		1
2-Butanone (MEK)	0.25	U	0.25	mg/L		12/03/12 21:55		1
Benzene	0.025	U	0.025	mg/L		12/03/12 21:55		1
Carbon tetrachloride	0.025	U	0.025	mg/L		12/03/12 21:55		1
Chlorobenzene	0.025	U	0.025	mg/L		12/03/12 21:55		1
Chloroform	0.025	U	0.025	mg/L		12/03/12 21:55		1
Tetrachloroethene	0.025	U	0.025	mg/L		12/03/12 21:55		1
Trichloroethylene	0.025	U	0.025	mg/L		12/03/12 21:55		1
Vinyl chloride	0.025	U	0.025	mg/L		12/03/12 21:55		1
<hr/>								
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	108		80 - 121			12/03/12 21:55		1
4-Bromofluorobenzene (Surr)	99		70 - 124			12/03/12 21:55		1
Toluene-d8 (Sur)	112		90 - 115			12/03/12 21:55		1
Dibromofluoromethane (Sur)	121		84 - 128			12/03/12 21:55		1

TestAmerica Canton

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Client Sample ID: SO-56394-112712-EB-001

Lab Sample ID: 240-18033-1

Matrix: Solid

Date Collected: 11/27/12 14:40

Date Received: 11/28/12 09:30

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0040	U	0.0040	mg/L		11/30/12 08:39	12/04/12 17:45	1
2,4,5-Trichlorophenol	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 17:45	1
2,4,6-Trichlorophenol	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 17:45	1
2,4-Dinitrotoluene	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 17:45	1
Hexachlorobenzene	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 17:45	1
Hexachlorobutadiene	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 17:45	1
Hexachloroethane	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 17:45	1
3 & 4 Methylphenol	0.040	U	0.040	mg/L		11/30/12 08:39	12/04/12 17:45	1
2-Methylphenol	0.0040	U	0.0040	mg/L		11/30/12 08:39	12/04/12 17:45	1
Nitrobenzene	0.0040	U	0.0040	mg/L		11/30/12 08:39	12/04/12 17:45	1
Pentachlorophenol	0.040	U	0.040	mg/L		11/30/12 08:39	12/04/12 17:45	1
Pyridine	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 17:45	1
Surrogate						Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	57		27 - 110			11/30/12 08:39	12/04/12 17:45	1
2-Fluorophenol (Surr)	21		10 - 110			11/30/12 08:39	12/04/12 17:45	1
2,4,6-Tribromophenol (Surr)	67		15 - 110			11/30/12 08:39	12/04/12 17:45	1
Nitrobenzene-d5 (Surr)	61		27 - 110			11/30/12 08:39	12/04/12 17:45	1
Phenol-d5 (Surr)	52		20 - 110			11/30/12 08:39	12/04/12 17:45	1
Terphenyl-d14 (Surr)	75		38 - 110			11/30/12 08:39	12/04/12 17:45	1

TestAmerica Canton

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Client Sample ID: SO-56394-112712-EB-002

Lab Sample ID: 240-18033-2

Matrix: Solid

Date Collected: 11/27/12 14:50

Date Received: 11/28/12 09:30

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0040	U	0.0040	mg/L		11/30/12 08:39	12/04/12 18:03	1
2,4,5-Trichlorophenol	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:03	1
2,4,6-Trichlorophenol	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:03	1
2,4-Dinitrotoluene	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:03	1
Hexachlorobenzene	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:03	1
Hexachlorobutadiene	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:03	1
Hexachloroethane	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:03	1
3 & 4 Methylphenol	0.040	U	0.040	mg/L		11/30/12 08:39	12/04/12 18:03	1
2-Methylphenol	0.0040	U	0.0040	mg/L		11/30/12 08:39	12/04/12 18:03	1
Nitrobenzene	0.0040	U	0.0040	mg/L		11/30/12 08:39	12/04/12 18:03	1
Pentachlorophenol	0.040	U	0.040	mg/L		11/30/12 08:39	12/04/12 18:03	1
Pyridine	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:03	1
<hr/>								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	53		27 - 110			11/30/12 08:39	12/04/12 18:03	1
2-Fluorophenol (Surr)	32		10 - 110			11/30/12 08:39	12/04/12 18:03	1
2,4,6-Tribromophenol (Surr)	60		15 - 110			11/30/12 08:39	12/04/12 18:03	1
Nitrobenzene-d5 (Surr)	57		27 - 110			11/30/12 08:39	12/04/12 18:03	1
Phenol-d5 (Surr)	57		20 - 110			11/30/12 08:39	12/04/12 18:03	1
Terphenyl-d14 (Surr)	66		38 - 110			11/30/12 08:39	12/04/12 18:03	1

TestAmerica Canton

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Client Sample ID: WG-56394-112712-EB-003

Lab Sample ID: 240-18033-3

Matrix: Water

Date Collected: 11/27/12 15:20

Date Received: 11/28/12 09:30

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0040	U	0.0040	mg/L		11/30/12 08:39	12/04/12 18:22	1
2,4,5-Trichlorophenol	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:22	1
2,4,6-Trichlorophenol	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:22	1
2,4-Dinitrotoluene	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:22	1
Hexachlorobenzene	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:22	1
Hexachlorobutadiene	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:22	1
Hexachloroethane	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:22	1
3 & 4 Methylphenol	0.040	U	0.040	mg/L		11/30/12 08:39	12/04/12 18:22	1
2-Methylphenol	0.0040	U	0.0040	mg/L		11/30/12 08:39	12/04/12 18:22	1
Nitrobenzene	0.0040	U	0.0040	mg/L		11/30/12 08:39	12/04/12 18:22	1
Pentachlorophenol	0.040	U	0.040	mg/L		11/30/12 08:39	12/04/12 18:22	1
Pyridine	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 18:22	1
<hr/>								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	56		27 - 110			11/30/12 08:39	12/04/12 18:22	1
2-Fluorophenol (Surr)	45		10 - 110			11/30/12 08:39	12/04/12 18:22	1
2,4,6-Tribromophenol (Surr)	60		15 - 110			11/30/12 08:39	12/04/12 18:22	1
Nitrobenzene-d5 (Surr)	58		27 - 110			11/30/12 08:39	12/04/12 18:22	1
Phenol-d5 (Surr)	55		20 - 110			11/30/12 08:39	12/04/12 18:22	1
Terphenyl-d14 (Surr)	75		38 - 110			11/30/12 08:39	12/04/12 18:22	1

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TestAmerica Canton

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SO-56394-112712-EB-001

Date Collected: 11/27/12 14:40

Date Received: 11/28/12 09:30

Lab Sample ID: 240-18033-1

Matrix: Solid

Percent Solids: 81.3

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	41	U	41	ug/Kg	⊗	12/04/12 10:59	12/07/12 03:33	1
Aroclor-1221	41	U	41	ug/Kg	⊗	12/04/12 10:59	12/07/12 03:33	1
Aroclor-1232	41	U	41	ug/Kg	⊗	12/04/12 10:59	12/07/12 03:33	1
Aroclor-1242	41	U	41	ug/Kg	⊗	12/04/12 10:59	12/07/12 03:33	1
Aroclor-1248	41	U	41	ug/Kg	⊗	12/04/12 10:59	12/07/12 03:33	1
Aroclor-1254	41	U	41	ug/Kg	⊗	12/04/12 10:59	12/07/12 03:33	1
Aroclor-1260	41	U	41	ug/Kg	⊗	12/04/12 10:59	12/07/12 03:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		29 - 151			12/04/12 10:59	12/07/12 03:33	1
DCB Decachlorobiphenyl	85		14 - 163			12/04/12 10:59	12/07/12 03:33	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SO-56394-112712-EB-002

Lab Sample ID: 240-18033-2

Date Collected: 11/27/12 14:50

Matrix: Solid

Date Received: 11/28/12 09:30

Percent Solids: 91.0

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	37	U	37	ug/Kg	*	12/04/12 10:59	12/07/12 03:48	1
Aroclor-1221	37	U	37	ug/Kg	*	12/04/12 10:59	12/07/12 03:48	1
Aroclor-1232	37	U	37	ug/Kg	*	12/04/12 10:59	12/07/12 03:48	1
Aroclor-1242	37	U	37	ug/Kg	*	12/04/12 10:59	12/07/12 03:48	1
Aroclor-1248	37	U	37	ug/Kg	*	12/04/12 10:59	12/07/12 03:48	1
Aroclor-1254	37	U	37	ug/Kg	*	12/04/12 10:59	12/07/12 03:48	1
Aroclor-1260	37	U	37	ug/Kg	*	12/04/12 10:59	12/07/12 03:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		29 - 151			12/04/12 10:59	12/07/12 03:48	1
DCB Decachlorobiphenyl	99		14 - 163			12/04/12 10:59	12/07/12 03:48	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: WG-56394-112712-EB-003

Date Collected: 11/27/12 15:20

Date Received: 11/28/12 09:30

Lab Sample ID: 240-18033-3

Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.099	U	0.099	ug/L		11/29/12 10:37	12/03/12 13:49	1
Aroclor-1221	0.099	U	0.099	ug/L		11/29/12 10:37	12/03/12 13:49	1
Aroclor-1232	0.099	U	0.099	ug/L		11/29/12 10:37	12/03/12 13:49	1
Aroclor-1242	0.099	U	0.099	ug/L		11/29/12 10:37	12/03/12 13:49	1
Aroclor-1248	0.099	U	0.099	ug/L		11/29/12 10:37	12/03/12 13:49	1
Aroclor-1254	0.099	U	0.099	ug/L		11/29/12 10:37	12/03/12 13:49	1
Aroclor-1260	0.099	U	0.099	ug/L		11/29/12 10:37	12/03/12 13:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		23 - 136			11/29/12 10:37	12/03/12 13:49	1
DCB Decachlorobiphenyl	82		10 - 130			11/29/12 10:37	12/03/12 13:49	1

TestAmerica Canton

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 6010B - Metals (ICP) - TCLP

Client Sample ID: SO-56394-112712-EB-001

Lab Sample ID: 240-18033-1

Date Collected: 11/27/12 14:40

Matrix: Solid

Date Received: 11/28/12 09:30

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.50	U	0.50	mg/L		11/30/12 10:34	12/04/12 12:11	1
Barium	10	U	10	mg/L		11/30/12 10:34	12/04/12 12:11	1
Cadmium	0.10	U	0.10	mg/L		11/30/12 10:34	12/04/12 12:11	1
Chromium	0.50	U	0.50	mg/L		11/30/12 10:34	12/04/12 12:11	1
Lead	0.50	U	0.50	mg/L		11/30/12 10:34	12/04/12 12:11	1
Selenium	0.25	U	0.25	mg/L		11/30/12 10:34	12/04/12 12:11	1
Silver	0.50	U	0.50	mg/L		11/30/12 10:34	12/04/12 12:11	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 6010B - Metals (ICP) - TCLP

Client Sample ID: SO-56394-112712-EB-002

Date Collected: 11/27/12 14:50

Date Received: 11/28/12 09:30

Lab Sample ID: 240-18033-2

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.50	U	0.50	mg/L	11/30/12 10:34	12/04/12 12:17		1
Barium	10	U	10	mg/L	11/30/12 10:34	12/04/12 12:17		1
Cadmium	0.10	U	0.10	mg/L	11/30/12 10:34	12/04/12 12:17		1
Chromium	0.50	U	0.50	mg/L	11/30/12 10:34	12/04/12 12:17		1
Lead	0.50	U	0.50	mg/L	11/30/12 10:34	12/04/12 12:17		1
Selenium	0.25	U	0.25	mg/L	11/30/12 10:34	12/04/12 12:17		1
Silver	0.50	U	0.50	mg/L	11/30/12 10:34	12/04/12 12:17		1

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Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 6010B - Metals (ICP) - TCLP

Client Sample ID: WG-56394-112712-EB-003

Lab Sample ID: 240-18033-3

Date Collected: 11/27/12 15:20

Matrix: Water

Date Received: 11/28/12 09:30

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.50	U	0.50	mg/L		11/30/12 10:34	12/04/12 12:23	1
Barium	10	U	10	mg/L		11/30/12 10:34	12/04/12 12:23	1
Cadmium	0.10	U	0.10	mg/L		11/30/12 10:34	12/04/12 12:23	1
Chromium	0.50	U	0.50	mg/L		11/30/12 10:34	12/04/12 12:23	1
Lead	0.50	U	0.50	mg/L		11/30/12 10:34	12/04/12 12:23	1
Selenium	0.25	U	0.25	mg/L		11/30/12 10:34	12/04/12 12:23	1
Silver	0.50	U	0.50	mg/L		11/30/12 10:34	12/04/12 12:23	1

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TestAmerica Canton

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 7470A - Mercury (CVAA) - TCLP

Client Sample ID: SO-56394-112712-EB-001

Date Collected: 11/27/12 14:40

Date Received: 11/28/12 09:30

Lab Sample ID: 240-18033-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	mg/L		11/30/12 13:30	12/04/12 16:35	1

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TestAmerica Canton

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 7470A - Mercury (CVAA) - TCLP

Client Sample ID: SO-56394-112712-EB-002

Lab Sample ID: 240-18033-2

Date Collected: 11/27/12 14:50

Matrix: Solid

Date Received: 11/28/12 09:30

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	mg/L		11/30/12 13:30	12/04/12 16:32	1

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Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 7470A - Mercury (CVAA) - TCLP

Client Sample ID: WG-56394-112712-EB-003

Lab Sample ID: 240-18033-3

Date Collected: 11/27/12 15:20

Matrix: Water

Date Received: 11/28/12 09:30

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	mg/L		11/30/12 13:30	12/04/12 16:39	1

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Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

General Chemistry

Client Sample ID: SO-56394-112712-EB-001

Lab Sample ID: 240-18033-1

Date Collected: 11/27/12 14:40

Matrix: Solid

Date Received: 11/28/12 09:30

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180		1.0	Degrees F		11/30/12 11:47		1
pH	8.61		0.100	SU		11/29/12 12:47		1

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Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

General Chemistry

Client Sample ID: SO-56394-112712-EB-002

Date Collected: 11/27/12 14:50

Date Received: 11/28/12 09:30

Lab Sample ID: 240-18033-2

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180		1.0	Degrees F		11/30/12 12:16		1
pH	8.06		0.100	SU		11/29/12 12:47		1

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TestAmerica Canton

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

General Chemistry

Client Sample ID: WG-56394-112712-EB-003

Lab Sample ID: 240-18033-3

Date Collected: 11/27/12 15:20

Matrix: Water

Date Received: 11/28/12 09:30

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180		1.0	Degrees F			11/29/12 10:20	1
pH	7.79	H	0.100	SU			11/28/12 17:19	1

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QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

GC/MS VOA

Leach Batch: 66821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	TCLP	Solid	1311	
240-18033-1 MS	SO-56394-112712-EB-001	TCLP	Solid	1311	
240-18033-1 MSD	SO-56394-112712-EB-001	TCLP	Solid	1311	
240-18033-2	SO-56394-112712-EB-002	TCLP	Solid	1311	
240-18033-3	WG-56394-112712-EB-003	TCLP	Water	1311	
LB 240-66821/1-A MB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 67149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	TCLP	Solid	8260B	66821
240-18033-1 MS	SO-56394-112712-EB-001	TCLP	Solid	8260B	66821
240-18033-1 MSD	SO-56394-112712-EB-001	TCLP	Solid	8260B	66821
240-18033-2	SO-56394-112712-EB-002	TCLP	Solid	8260B	66821
240-18033-3	WG-56394-112712-EB-003	TCLP	Water	8260B	66821
LB 240-66821/1-A MB	Method Blank	TCLP	Solid	8260B	66821
LCS 240-67149/13	Lab Control Sample	Total/NA	Solid	8260B	

GC/MS Semi VOA

Leach Batch: 66823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	TCLP	Solid	1311	
240-18033-2	SO-56394-112712-EB-002	TCLP	Solid	1311	
240-18033-3	WG-56394-112712-EB-003	TCLP	Water	1311	

Prep Batch: 66884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	TCLP	Solid	3520C	66823
240-18033-2	SO-56394-112712-EB-002	TCLP	Solid	3520C	66823
240-18033-3	WG-56394-112712-EB-003	TCLP	Water	3520C	66823
LCS 240-66884/8-A	Lab Control Sample	Total/NA	Solid	3520C	
MB 240-66884/7-A	Method Blank	Total/NA	Solid	3520C	

Analysis Batch: 67217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	TCLP	Solid	8270C	66884
240-18033-2	SO-56394-112712-EB-002	TCLP	Solid	8270C	66884
240-18033-3	WG-56394-112712-EB-003	TCLP	Water	8270C	66884
LCS 240-66884/8-A	Lab Control Sample	Total/NA	Solid	8270C	66884
MB 240-66884/7-A	Method Blank	Total/NA	Solid	8270C	66884

GC Semi VOA

Prep Batch: 66756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-3	WG-56394-112712-EB-003	Total/NA	Water	3520C	
LCS 240-66756/15-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-66756/14-A	Method Blank	Total/NA	Water	3520C	

TestAmerica Canton

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

GC Semi VOA (Continued)

Analysis Batch: 67025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-3	WG-56394-112712-EB-003	Total/NA	Water	8082	66756
LCS 240-66756/15-A	Lab Control Sample	Total/NA	Water	8082	66756
MB 240-66756/14-A	Method Blank	Total/NA	Water	8082	66756

Prep Batch: 67268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	Total/NA	Solid	3540C	
240-18033-2	SO-56394-112712-EB-002	Total/NA	Solid	3540C	
LCS 240-67268/21-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-67268/20-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 67693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	Total/NA	Solid	8082	67268
240-18033-2	SO-56394-112712-EB-002	Total/NA	Solid	8082	67268
LCS 240-67268/21-A	Lab Control Sample	Total/NA	Solid	8082	67268
MB 240-67268/20-A	Method Blank	Total/NA	Solid	8082	67268

Metals

Leach Batch: 66823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	TCLP	Solid	1311	
240-18033-2	SO-56394-112712-EB-002	TCLP	Solid	1311	
240-18033-3	WG-56394-112712-EB-003	TCLP	Water	1311	
LB 240-66823/1-C LB	Method Blank	TCLP	Solid	1311	
LB 240-66823/1-D LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 66929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	TCLP	Solid	3010A	66823
240-18033-2	SO-56394-112712-EB-002	TCLP	Solid	3010A	66823
240-18033-3	WG-56394-112712-EB-003	TCLP	Water	3010A	66823
LB 240-66823/1-C LB	Method Blank	TCLP	Solid	3010A	66823
LCS 240-66929/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 240-66929/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 66932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	TCLP	Solid	7470A	66823
240-18033-2	SO-56394-112712-EB-002	TCLP	Solid	7470A	66823
240-18033-3	WG-56394-112712-EB-003	TCLP	Water	7470A	66823
LB 240-66823/1-D LB	Method Blank	TCLP	Solid	7470A	66823
LCS 240-66932/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 240-66932/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 67366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	TCLP	Solid	6010B	66929
240-18033-2	SO-56394-112712-EB-002	TCLP	Solid	6010B	66929

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QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Metals (Continued)

Analysis Batch: 67366 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-3	WG-56394-112712-EB-003	TCLP	Water	6010B	66929
LB 240-66823/1-C LB	Method Blank	TCLP	Solid	6010B	66929
LCS 240-66929/3-A	Lab Control Sample	Total/NA	Solid	6010B	66929
MB 240-66929/2-A	Method Blank	Total/NA	Solid	6010B	66929

Analysis Batch: 67382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	TCLP	Solid	7470A	66932
240-18033-2	SO-56394-112712-EB-002	TCLP	Solid	7470A	66932
240-18033-3	WG-56394-112712-EB-003	TCLP	Water	7470A	66932
LB 240-66823/1-D LB	Method Blank	TCLP	Solid	7470A	66932
LCS 240-66932/3-A	Lab Control Sample	Total/NA	Solid	7470A	66932
MB 240-66932/2-A	Method Blank	Total/NA	Solid	7470A	66932

General Chemistry

Analysis Batch: 66671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-3	WG-56394-112712-EB-003	Total/NA	Water	9040B	13
LCS 240-66761/2	Lab Control Sample	Total/NA	Water	9040B	13

Analysis Batch: 66757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	Total/NA	Solid	9045C	
240-18033-2	SO-56394-112712-EB-002	Total/NA	Solid	9045C	
LCS 240-66757/29	Lab Control Sample	Total/NA	Solid	9045C	

Analysis Batch: 66812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-3	WG-56394-112712-EB-003	Total/NA	Water	1010	
240-18033-3 DU	WG-56394-112712-EB-003	Total/NA	Water	1010	
LCS 240-66812/1	Lab Control Sample	Total/NA	Water	1010	

Analysis Batch: 66827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	Total/NA	Solid	Moisture	
240-18033-2	SO-56394-112712-EB-002	Total/NA	Solid	Moisture	

Analysis Batch: 66951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-18033-1	SO-56394-112712-EB-001	Total/NA	Solid	1010	
240-18033-2	SO-56394-112712-EB-002	Total/NA	Solid	1010	
LCS 240-66951/1	Lab Control Sample	Total/NA	Solid	1010	

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QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 240-67149/13

Matrix: Solid

Analysis Batch: 67149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS			Unit	D	%Rec	%Rec.
		Result	Qualifier	Limits				
1,1-Dichloroethene	1.00	0.857		mg/L		86	71 - 133	
1,2-Dichloroethane	1.00	0.941		mg/L		94	81 - 114	
2-Butanone (MEK)	2.00	1.78		mg/L		89	49 - 120	
Benzene	1.00	0.927		mg/L		93	84 - 120	
Carbon tetrachloride	1.00	1.14		mg/L		114	54 - 122	
Chlorobenzene	1.00	0.971		mg/L		97	86 - 111	
Chloroform	1.00	0.957		mg/L		96	87 - 123	
Tetrachloroethene	1.00	1.02		mg/L		102	79 - 134	
Trichloroethene	1.00	1.06		mg/L		106	78 - 130	
Vinyl chloride	1.00	0.893		mg/L		89	56 - 111	

Surrogate	LCS %Recovery	LCS		Limits
		Result	Qualifier	
1,2-Dichloroethane-d4 (Sur)	109			80 - 121
4-Bromofluorobenzene (Sur)	97			70 - 124
Toluene-d8 (Sur)	115			90 - 115
Dibromofluoromethane (Sur)	123			84 - 128

Lab Sample ID: LB 240-66821/1-A MB

Matrix: Solid

Analysis Batch: 67149

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared		Analyzed	Dil Fac
						Prepared	Analyzed		
1,1-Dichloroethene	0.025	U	0.025	mg/L				12/03/12 20:15	1
1,2-Dichloroethane	0.025	U	0.025	mg/L				12/03/12 20:15	1
2-Butanone (MEK)	0.25	U	0.25	mg/L				12/03/12 20:15	1
Benzene	0.025	U	0.025	mg/L				12/03/12 20:15	1
Carbon tetrachloride	0.025	U	0.025	mg/L				12/03/12 20:15	1
Chlorobenzene	0.025	U	0.025	mg/L				12/03/12 20:15	1
Chloroform	0.025	U	0.025	mg/L				12/03/12 20:15	1
Tetrachloroethene	0.025	U	0.025	mg/L				12/03/12 20:15	1
Trichloroethene	0.025	U	0.025	mg/L				12/03/12 20:15	1
Vinyl chloride	0.025	U	0.025	mg/L				12/03/12 20:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared		Analyzed	Dil Fac
				Prepared	Analyzed		
1,2-Dichloroethane-d4 (Sur)	102		80 - 121			12/03/12 20:15	1
4-Bromofluorobenzene (Sur)	99		70 - 124			12/03/12 20:15	1
Toluene-d8 (Sur)	113		90 - 115			12/03/12 20:15	1
Dibromofluoromethane (Sur)	119		84 - 128			12/03/12 20:15	1

Lab Sample ID: 240-18033-1 MS

Matrix: Solid

Analysis Batch: 67149

Client Sample ID: SO-56394-112712-EB-001
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS			D	%Rec	%Rec.
				Result	Qualifier	Unit			
1,1-Dichloroethene	0.025	U	1.00	0.864		mg/L		86	67 - 139
1,2-Dichloroethane	0.025	U	1.00	0.884		mg/L		88	80 - 115
2-Butanone (MEK)	0.25	U	2.00	1.54		mg/L		77	49 - 117

TestAmerica Canton

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-18033-1 MS

Client Sample ID: SO-56394-112712-EB-001

Prep Type: TCLP

Matrix: Solid

Analysis Batch: 67149

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Benzene	0.025	U	1.00	0.894		mg/L	89	85 - 119	
Carbon tetrachloride	0.025	U	1.00	1.05		mg/L	105	60 - 110	
Chlorobenzene	0.025	U	1.00	0.931		mg/L	93	85 - 113	
Chloroform	0.025	U	1.00	0.917		mg/L	92	86 - 124	
Tetrachloroethene	0.025	U	1.00	0.996		mg/L	100	74 - 138	
Trichloroethene	0.025	U	1.00	1.03		mg/L	103	75 - 134	
Vinyl chloride	0.025	U	1.00	0.839		mg/L	84	51 - 118	
Surrogate									
	MS	MS	%Recovery	Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	108				80 - 121				
4-Bromofluorobenzene (Surr)	99				70 - 124				
Toluene-d8 (Surr)	116	X			90 - 115				
Dibromofluoromethane (Surr)	125				84 - 128				

Lab Sample ID: 240-18033-1 MSD

Client Sample ID: SO-56394-112712-EB-001

Prep Type: TCLP

Matrix: Solid

Analysis Batch: 67149

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1-Dichloroethene	0.025	U	1.00	0.869		mg/L	87	67 - 139		1	30
1,2-Dichloroethane	0.025	U	1.00	0.908		mg/L	91	80 - 115		3	30
2-Butanone (MEK)	0.25	U	2.00	1.72		mg/L	86	49 - 117		11	30
Benzene	0.025	U	1.00	0.910		mg/L	91	85 - 119		2	30
Carbon tetrachloride	0.025	U	1.00	1.10		mg/L	110	60 - 110		5	30
Chlorobenzene	0.025	U	1.00	0.918		mg/L	92	85 - 113		1	30
Chloroform	0.025	U	1.00	0.913		mg/L	91	86 - 124		0	30
Tetrachloroethene	0.025	U	1.00	0.944		mg/L	94	74 - 138		5	30
Trichloroethene	0.025	U	1.00	1.07		mg/L	107	75 - 134		4	30
Vinyl chloride	0.025	U	1.00	0.880		mg/L	88	51 - 118		5	30
Surrogate											
	MSD	MSD	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	108				80 - 121						
4-Bromofluorobenzene (Surr)	94				70 - 124						
Toluene-d8 (Surr)	111				90 - 115						
Dibromofluoromethane (Surr)	125				84 - 128						

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-66884/7-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 66884

Prep Batch: 66884

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,4-Dichlorobenzene	0.0040	U	0.0040	mg/L		11/30/12 08:39	12/04/12 10:51	1
2,4,5-Trichlorophenol	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 10:51	1
2,4,6-Trichlorophenol	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 10:51	1
2,4-Dinitrotoluene	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 10:51	1

TestAmerica Canton

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-66884/7-A

Matrix: Solid

Analysis Batch: 67217

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 66884

Analyte	MB		RL	Unit	D	Prepared		Analyzed	Dil Fac
	Result	Qualifier				Prepared	Analyzed		
Hexachlorobenzene	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 10:51		1
Hexachlorobutadiene	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 10:51		1
Hexachloroethane	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 10:51		1
3 & 4 Methylphenol	0.040	U	0.040	mg/L		11/30/12 08:39	12/04/12 10:51		1
2-Methylphenol	0.0040	U	0.0040	mg/L		11/30/12 08:39	12/04/12 10:51		1
Nitrobenzene	0.0040	U	0.0040	mg/L		11/30/12 08:39	12/04/12 10:51		1
Pentachlorophenol	0.040	U	0.040	mg/L		11/30/12 08:39	12/04/12 10:51		1
Pyridine	0.020	U	0.020	mg/L		11/30/12 08:39	12/04/12 10:51		1

Surrogate	MB		Limits	Prepared		Analyzed	Dil Fac
	%Recovery	Qualifier		Prepared	Analyzed		
2-Fluorobiphenyl (Sur)	64		27 - 110			11/30/12 08:39	12/04/12 10:51
2-Fluorophenol (Sur)	30		10 - 110			11/30/12 08:39	12/04/12 10:51
2,4,6-Tribromophenol (Sur)	70		15 - 110			11/30/12 08:39	12/04/12 10:51
Nitrobenzene-d5 (Sur)	66		27 - 110			11/30/12 08:39	12/04/12 10:51
Phenol-d5 (Sur)	58		20 - 110			11/30/12 08:39	12/04/12 10:51
Terphenyl-d14 (Sur)	83		38 - 110			11/30/12 08:39	12/04/12 10:51

Lab Sample ID: LCS 240-66884/8-A

Matrix: Solid

Analysis Batch: 67217

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 66884

Analyte	Spike		LCS	LCS	Unit	D	%Rec	Limits	%Rec.
	Added	Result	Qualifier	Unit	D				
1,4-Dichlorobenzene	0.0800	0.0553		mg/L		69	16 - 110		
2,4,5-Trichlorophenol	0.0800	0.0574		mg/L		72	35 - 110		
2,4,6-Trichlorophenol	0.0800	0.0616		mg/L		77	36 - 110		
2,4-Dinitrotoluene	0.0800	0.0664		mg/L		83	49 - 110		
Hexachlorobenzene	0.0800	0.0622		mg/L		78	44 - 110		
Hexachlorobutadiene	0.0800	0.0504		mg/L		63	35 - 110		
Hexachloroethane	0.0800	0.0524		mg/L		65	34 - 110		
3 & 4 Methylphenol	0.160	0.117		mg/L		73	38 - 110		
2-Methylphenol	0.0800	0.0557		mg/L		70	36 - 114		
Nitrobenzene	0.0800	0.0573		mg/L		72	43 - 110		
Pentachlorophenol	0.0800	0.0591		mg/L		74	10 - 122		
Pyridine	0.0800	0.0558		mg/L		70	34 - 110		

Surrogate	LCS		Limits	%Rec.
	%Recovery	Qualifier		
2-Fluorobiphenyl (Sur)	68		27 - 110	
2-Fluorophenol (Sur)	43		10 - 110	
2,4,6-Tribromophenol (Sur)	76		15 - 110	
Nitrobenzene-d5 (Sur)	72		27 - 110	
Phenol-d5 (Sur)	69		20 - 110	
Terphenyl-d14 (Sur)	83		38 - 110	

TestAmerica Canton

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-66756/14-A

Matrix: Water

Analysis Batch: 67025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 66756

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Aroclor-1016	0.10	U	0.10	ug/L		11/29/12 10:37	12/03/12 14:04	1
Aroclor-1221	0.10	U	0.10	ug/L		11/29/12 10:37	12/03/12 14:04	1
Aroclor-1232	0.10	U	0.10	ug/L		11/29/12 10:37	12/03/12 14:04	1
Aroclor-1242	0.10	U	0.10	ug/L		11/29/12 10:37	12/03/12 14:04	1
Aroclor-1248	0.10	U	0.10	ug/L		11/29/12 10:37	12/03/12 14:04	1
Aroclor-1254	0.10	U	0.10	ug/L		11/29/12 10:37	12/03/12 14:04	1
Aroclor-1260	0.10	U	0.10	ug/L		11/29/12 10:37	12/03/12 14:04	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	77		23 - 136	11/29/12 10:37	12/03/12 14:04	1
DCB Decachlorobiphenyl	80		10 - 130	11/29/12 10:37	12/03/12 14:04	1

Lab Sample ID: LCS 240-66756/15-A

Matrix: Water

Analysis Batch: 67025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 66756

Analyte	Spike LCS LCS		Unit	D	%Rec.	Limits
	Added	Result Qualifier				
Aroclor-1016	2.50	2.22	ug/L		89	66 - 120
Aroclor-1260	2.50	2.42	ug/L		97	55 - 120

Surrogate	LCS LCS		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	78		23 - 136			
DCB Decachlorobiphenyl	82		10 - 130			

Lab Sample ID: MB 240-67268/20-A

Matrix: Solid

Analysis Batch: 67693

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 67268

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Aroclor-1016	33	U	33	ug/Kg		12/04/12 10:59	12/07/12 06:51	1
Aroclor-1221	33	U	33	ug/Kg		12/04/12 10:59	12/07/12 06:51	1
Aroclor-1232	33	U	33	ug/Kg		12/04/12 10:59	12/07/12 06:51	1
Aroclor-1242	33	U	33	ug/Kg		12/04/12 10:59	12/07/12 06:51	1
Aroclor-1248	33	U	33	ug/Kg		12/04/12 10:59	12/07/12 06:51	1
Aroclor-1254	33	U	33	ug/Kg		12/04/12 10:59	12/07/12 06:51	1
Aroclor-1260	33	U	33	ug/Kg		12/04/12 10:59	12/07/12 06:51	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	105		29 - 151	12/04/12 10:59	12/07/12 06:51	1
DCB Decachlorobiphenyl	103		14 - 163	12/04/12 10:59	12/07/12 06:51	1

Lab Sample ID: LCS 240-67268/21-A

Matrix: Solid

Analysis Batch: 67693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67268

Analyte	Spike LCS LCS		Unit	D	%Rec.	Limits
	Added	Result Qualifier				
Aroclor-1016	333	277	ug/Kg		83	62 - 120

TestAmerica Canton

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 240-67268/21-A			Client Sample ID: Lab Control Sample					
Matrix: Solid			Prep Type: Total/NA					
Analysis Batch: 67693			Prep Batch: 67268					
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Aroclor-1260	333	276		ug/Kg	83	56 - 122		
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
Tetrachloro-m-xylene	93		29 - 151					
DCB Decachlorobiphenyl	90		14 - 163					

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-66929/2-A			Client Sample ID: Method Blank					
Matrix: Solid			Prep Type: Total/NA					
Analysis Batch: 67366			Prep Batch: 66929					
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.50	U	0.50	mg/L	11/30/12 10:34	12/04/12 11:16		1
Barium	10	U	10	mg/L	11/30/12 10:34	12/04/12 11:16		1
Cadmium	0.10	U	0.10	mg/L	11/30/12 10:34	12/04/12 11:16		1
Chromium	0.50	U	0.50	mg/L	11/30/12 10:34	12/04/12 11:16		1
Lead	0.50	U	0.50	mg/L	11/30/12 10:34	12/04/12 11:16		1
Selenium	0.25	U	0.25	mg/L	11/30/12 10:34	12/04/12 11:16		1
Silver	0.50	U	0.50	mg/L	11/30/12 10:34	12/04/12 11:16		1

Lab Sample ID: LCS 240-66929/3-A			Client Sample ID: Lab Control Sample					
Matrix: Solid			Prep Type: Total/NA					
Analysis Batch: 67366			Prep Batch: 66929					
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Arsenic	2.00	2.02		mg/L	101	50 - 150		
Barium	2.00	10	U	mg/L	100	50 - 150		
Cadmium	0.0500	0.10	U	mg/L	102	50 - 150		
Chromium	0.200	0.50	U	mg/L	103	50 - 150		
Lead	0.500	0.503		mg/L	101	50 - 150		
Selenium	2.00	2.04		mg/L	102	50 - 150		
Silver	0.0500	0.50	U	mg/L	107	50 - 150		

Lab Sample ID: LB 240-66823/1-C LB			Client Sample ID: Method Blank					
Matrix: Solid			Prep Type: TCLP					
Analysis Batch: 67366			Prep Batch: 66929					
Analyte	LB Result	LB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.50	U	0.50	mg/L	11/30/12 10:34	12/04/12 11:10		1
Barium	10	U	10	mg/L	11/30/12 10:34	12/04/12 11:10		1
Cadmium	0.10	U	0.10	mg/L	11/30/12 10:34	12/04/12 11:10		1
Chromium	0.50	U	0.50	mg/L	11/30/12 10:34	12/04/12 11:10		1
Lead	0.50	U	0.50	mg/L	11/30/12 10:34	12/04/12 11:10		1
Selenium	0.25	U	0.25	mg/L	11/30/12 10:34	12/04/12 11:10		1
Silver	0.50	U	0.50	mg/L	11/30/12 10:34	12/04/12 11:10		1

TestAmerica Canton

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-66932/2-A					Client Sample ID: Method Blank					
Matrix: Solid			Prep Type: Total/NA							
Analysis Batch: 67382			Prep Batch: 66932							
Analyte	MB	MB	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U			0.0020	mg/L		11/30/12 13:30	12/04/12 16:22	1

Lab Sample ID: LCS 240-66932/3-A					Client Sample ID: Lab Control Sample							
Matrix: Solid			Prep Type: Total/NA									
Analysis Batch: 67382			Prep Batch: 66932									
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits					
Mercury	0.00500	0.00478		mg/L		96	50 - 150					

Lab Sample ID: LB 240-66823/1-D LB					Client Sample ID: Method Blank					
Matrix: Solid			Prep Type: TCLP							
Analysis Batch: 67382			Prep Batch: 66932							
Analyte	LB	LB	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U			0.0020	mg/L		11/30/12 13:30	12/04/12 16:21	1

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 240-66812/1					Client Sample ID: Lab Control Sample							
Matrix: Water			Prep Type: Total/NA									
Analysis Batch: 66812			Prep Batch: 66812									
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits					
Flashpoint	81.0	83.0		Degrees F		102	97 - 103					

Lab Sample ID: 240-18033-3 DU					Client Sample ID: WG-56394-112712-EB-003					
Matrix: Water			Prep Type: Total/NA							
Analysis Batch: 66812			Prep Batch: 66812							
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D				RPD
Flashpoint	>180		>180		Degrees F					NC

Lab Sample ID: LCS 240-66951/1					Client Sample ID: Lab Control Sample							
Matrix: Solid			Prep Type: Total/NA									
Analysis Batch: 66951			Prep Batch: 66951									
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits					
Flashpoint	81.0	81.0		Degrees F		100	97 - 103					

Method: 9040B - pH

Lab Sample ID: LCS 240-66671/2					Client Sample ID: Lab Control Sample							
Matrix: Water			Prep Type: Total/NA									
Analysis Batch: 66671			Prep Batch: 66671									
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits					
pH	5.52	5.490		SU		99	97 - 103					

TestAmerica Canton

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 9045C - pH

Lab Sample ID: LCS 240-66757/29

Matrix: Solid

Analysis Batch: 66757

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
pH	5.52	5.480		SU	99	99	97 - 103	

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TestAmerica Canton

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (80-121)	BFB (70-124)	TOL (90-115)	DBFM (84-128)
LCS 240-67149/13	Lab Control Sample	109	97	115	123
Surrogate Legend					
12DCE = 1,2-Dichloroethane-d4 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
TOL = Toluene-d8 (Surr)					
DBFM = Dibromofluoromethane (Surr)					

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (80-121)	BFB (70-124)	TOL (90-115)	DBFM (84-128)
240-18033-1	SO-56394-112712-EB-001	108	97	111	122
240-18033-1 MS	SO-56394-112712-EB-001	108	99	116 X	125
240-18033-1 MSD	SO-56394-112712-EB-001	108	94	111	125
240-18033-2	SO-56394-112712-EB-002	106	96	110	120
LB 240-66821/1-A MB	Method Blank	102	99	113	119
Surrogate Legend					
12DCE = 1,2-Dichloroethane-d4 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
TOL = Toluene-d8 (Surr)					
DBFM = Dibromofluoromethane (Surr)					

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (80-121)	BFB (70-124)	TOL (90-115)	DBFM (84-128)
240-18033-3	WG-56394-112712-EB-003	108	99	112	121
Surrogate Legend					
12DCE = 1,2-Dichloroethane-d4 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
TOL = Toluene-d8 (Surr)					
DBFM = Dibromofluoromethane (Surr)					

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (27-110)	2FP (10-110)	TBP (15-110)	NBZ (27-110)	PHL (20-110)	TPH (38-110)
LCS 240-66884/8-A	Lab Control Sample	68	43	76	72	69	83
MB 240-66884/7-A	Method Blank	64	30	70	66	58	83
Surrogate Legend							
FBP = 2-Fluorobiphenyl (Surr)							

TestAmerica Canton

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (27-110)	2FP (10-110)	TBP (15-110)	NBZ (27-110)	PHL (20-110)	TPH (38-110)
240-18033-1	SO-56394-112712-EB-001	57	21	67	61	52	75
240-18033-2	SO-56394-112712-EB-002	53	32	60	57	57	66

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (27-110)	2FP (10-110)	TBP (15-110)	NBZ (27-110)	PHL (20-110)	TPH (38-110)
240-18033-3	WG-56394-112712-EB-003	56	45	60	58	55	75

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (29-151)	DCB2 (14-163)
240-18033-1	SO-56394-112712-EB-001	67	85
240-18033-2	SO-56394-112712-EB-002	79	99
LCS 240-67268/21-A	Lab Control Sample	93	90
MB 240-67268/20-A	Method Blank	105	103

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TestAmerica Canton

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (23-136)	DCB2 (10-130)
240-18033-3	WG-56394-112712-EB-003	78	82
LCS 240-66756/15-A	Lab Control Sample	78	82
MB 240-66756/14-A	Method Blank	77	80

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

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TestAmerica Canton

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Client Sample ID: SO-56394-112712-EB-001

Date Collected: 11/27/12 14:40

Date Received: 11/28/12 09:30

Lab Sample ID: 240-18033-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			66821	11/29/12 14:20	BF	TAL NC
TCLP	Analysis	8260B		1	67149	12/03/12 21:04	TL	TAL NC
TCLP	Leach	1311			66823	11/29/12 14:26	BF	TAL NC
TCLP	Prep	3520C			66884	11/30/12 08:39	CC	TAL NC
TCLP	Analysis	8270C		1	67217	12/04/12 17:45	JG	TAL NC
Total/NA	Prep	3540C			67268	12/04/12 10:59	AC	TAL NC
Total/NA	Analysis	8082		1	67693	12/07/12 03:33	LH	TAL NC
TCLP	Leach	1311			66823	11/29/12 14:26	BF	TAL NC
TCLP	Prep	3010A			66929	11/30/12 10:34	LM	TAL NC
TCLP	Analysis	6010B		1	67366	12/04/12 12:11	KC	TAL NC
TCLP	Prep	7470A			66932	11/30/12 13:30	LM	TAL NC
TCLP	Analysis	7470A		1	67382	12/04/12 16:35	DH	TAL NC
Total/NA	Analysis	9045C		1	66757	11/29/12 12:47	BW	TAL NC
Total/NA	Analysis	Moisture		1	66827	11/29/12 15:12	CN	TAL NC
Total/NA	Analysis	1010		1	66951	11/30/12 11:47	TH	TAL NC

Client Sample ID: SO-56394-112712-EB-002

Date Collected: 11/27/12 14:50

Date Received: 11/28/12 09:30

Lab Sample ID: 240-18033-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			66821	11/29/12 14:20	BF	TAL NC
TCLP	Analysis	8260B		1	67149	12/03/12 21:29	TL	TAL NC
TCLP	Leach	1311			66823	11/29/12 14:26	BF	TAL NC
TCLP	Prep	3520C			66884	11/30/12 08:39	CC	TAL NC
TCLP	Analysis	8270C		1	67217	12/04/12 18:03	JG	TAL NC
Total/NA	Prep	3540C			67268	12/04/12 10:59	AC	TAL NC
Total/NA	Analysis	8082		1	67693	12/07/12 03:48	LH	TAL NC
TCLP	Leach	1311			66823	11/29/12 14:26	BF	TAL NC
TCLP	Prep	3010A			66929	11/30/12 10:34	LM	TAL NC
TCLP	Analysis	6010B		1	67366	12/04/12 12:17	KC	TAL NC
TCLP	Prep	7470A			66932	11/30/12 13:30	LM	TAL NC
TCLP	Analysis	7470A		1	67382	12/04/12 16:32	DH	TAL NC
Total/NA	Analysis	9045C		1	66757	11/29/12 12:47	BW	TAL NC
Total/NA	Analysis	Moisture		1	66827	11/29/12 15:12	CN	TAL NC
Total/NA	Analysis	1010		1	66951	11/30/12 12:16	TH	TAL NC

Client Sample ID: WG-56394-112712-EB-003

Date Collected: 11/27/12 15:20

Date Received: 11/28/12 09:30

Lab Sample ID: 240-18033-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			66821	11/29/12 14:20	BF	TAL NC

TestAmerica Canton

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Client Sample ID: WG-56394-112712-EB-003

Date Collected: 11/27/12 15:20

Date Received: 11/28/12 09:30

Lab Sample ID: 240-18033-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Analysis	8260B		1	67149	12/03/12 21:55	TL	TAL NC
TCLP	Leach	1311			66823	11/29/12 14:26	BF	TAL NC
TCLP	Prep	3520C			66884	11/30/12 08:39	CC	TAL NC
TCLP	Analysis	8270C		1	67217	12/04/12 18:22	JG	TAL NC
Total/NA	Prep	3520C			66756	11/29/12 10:37	BM	TAL NC
Total/NA	Analysis	8082		1	67025	12/03/12 13:49	LH	TAL NC
TCLP	Leach	1311			66823	11/29/12 14:26	BF	TAL NC
TCLP	Prep	3010A			66929	11/30/12 10:34	LM	TAL NC
TCLP	Analysis	6010B		1	67366	12/04/12 12:23	KC	TAL NC
TCLP	Prep	7470A			66932	11/30/12 13:30	LM	TAL NC
TCLP	Analysis	7470A		1	67382	12/04/12 16:39	DH	TAL NC
Total/NA	Analysis	9040B		1	66671	11/28/12 17:19	BW	TAL NC
Total/NA	Analysis	1010		1	66812	11/29/12 10:20	TH	TAL NC

Laboratory References:

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 56394, Plainwell Mill

TestAmerica Job ID: 240-18033-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	01144CA	06-30-13
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAC	4	E87225	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAC	5	200004	07-31-13
Kansas	NELAC	7	E-10336	01-31-13
Kentucky	State Program	4	58	06-30-13
L-A-B	DoD ELAP		L2315	02-28-13
Minnesota	NELAC	5	039-999-348	12-31-12
Nevada	State Program	9	OH-000482008A	07-31-13
New Jersey	NELAC	2	OH001	06-30-13
New York	NELAC	2	10975	04-01-13
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAC	3	68-00340	08-31-13
Texas	NELAC	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAC	3	460175	09-14-13
Washington	State Program	10	C971	01-12-13
West Virginia DEP	State Program	3	210	12-31-12
Wisconsin	State Program	5	999518190	08-31-13

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**CONESTOGA-ROVERS
& ASSOCIATES**

CHAIN OF CUSTODY RECORD

14496 Sheldon Road, Suite #200, Plymouth, Michigan 48170

Phone: (734) 453-5123

Fax: (734) 453-5201

COC NO.: **PL-10049**
PAGE 1 OF 1

(See Reverse Side for Instructions)

Project No/Phase/Task Code: 086394-10-03			Laboratory Name: TAL			Lab Location: North Canton OIT			SSOW ID: 56394-10-03						
Project Name: Farm Plainwell Mill			Lab Contact: D. Heckler			Lab Quote No: -			Cooler No:						
Project Location: Plainwell, MI			SAMPLE TYPE			CONTAINER QUANTITY & PRESERVATION			ANALYSIS REQUESTED (See Back of COC for Definitions)	Carrier: FedEx					
Chemistry Contact: P. Wiseman			Matrix Code (see back of COC)	Grab (g) or Comp (g)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO ₃)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCoree 3x5-g, 1x25-g	Other:	Total Containers/Sample	MS/SD Request	Airbill No:
Sampler(s): Z. Batenburg														Date Shipped:	
COMMENTS/ SPECIAL INSTRUCTIONS:															
SAMPLE IDENTIFICATION (Comments for each sample may be continued on one line)			DATE (month/year)	TIME (hour:min)	SB	C	2								
1	SO-S6394-112712-EB-001	1/27/12	1440												
2	SO-S6394-112712-EB-002		1450												
3	W6-S6394-112712-EB-003		1520												
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TAT Required in business days (use separate COCs for different TATs):					Total Number of Containers:			9	Notes/ Special Requirements:						
<input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 1 Week <input checked="" type="checkbox"/> 2 Week <input type="checkbox"/> Other:					All Samples in Cooler must be on COC										
RELINQUISHED BY		COMPANY	DATE	TIME	RECEIVED BY		COMPANY	DATE	TIME						
<i>SO-S6394-112712-EB-001</i>		<i>CRA</i>	<i>1/27/12</i>	<i>1610</i>	<i>* Terrell Kline</i>		<i>TAC</i>	<i>1/28/12</i>	<i>930</i>						

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution:

WHITE - Fully Executed Copy (CRA)

YELLOW - Receiving Laboratory Copy

PINK - Shipper

GOLDENROD - Sampling Crew

CRA Form: COC-10A (20110804)

14 13 12 11 10 9 8 7 6 5 4 3 2 1

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031512-HNO₃; Sulfuric Acid Lot# 041911-H₂SO₄; Sodium Hydroxide Lot# 121809 - NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH₃COO)₂ZN/NaOH. What time was preservative added to sample(s)? _____